

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES REPACEMENT OF DAMAGED LOOP DETECTORS AT THE INTERSECTION OF MD 213 AND LOCUST POINT RD / WILLIAMS RD IN CECIL COUNTY. MD 213 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA FOUR-PHASE, FULL-TRAFFIC-ACTUATED MODE. MD 213 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. LOCUST POINT RD / WILLIAMS RD THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY.

CONTACTS

The contact persons for District #2 are as follows:

Mr. Jeffery Wentz  
Assistant District Engineer - Traffic  
Phone: (410) 810-3240

Mr. Michael Lewis  
Assistant District Engineer - Maintenance  
Phone: (410) 810-3250

Mr. Barry Clothier  
Utility Engineer  
Phone: (410) 810-3275

Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Ed Rodenhizer  
Supervisor, Signal Operations  
Phone: (410) 787-7650

PHASE CHART

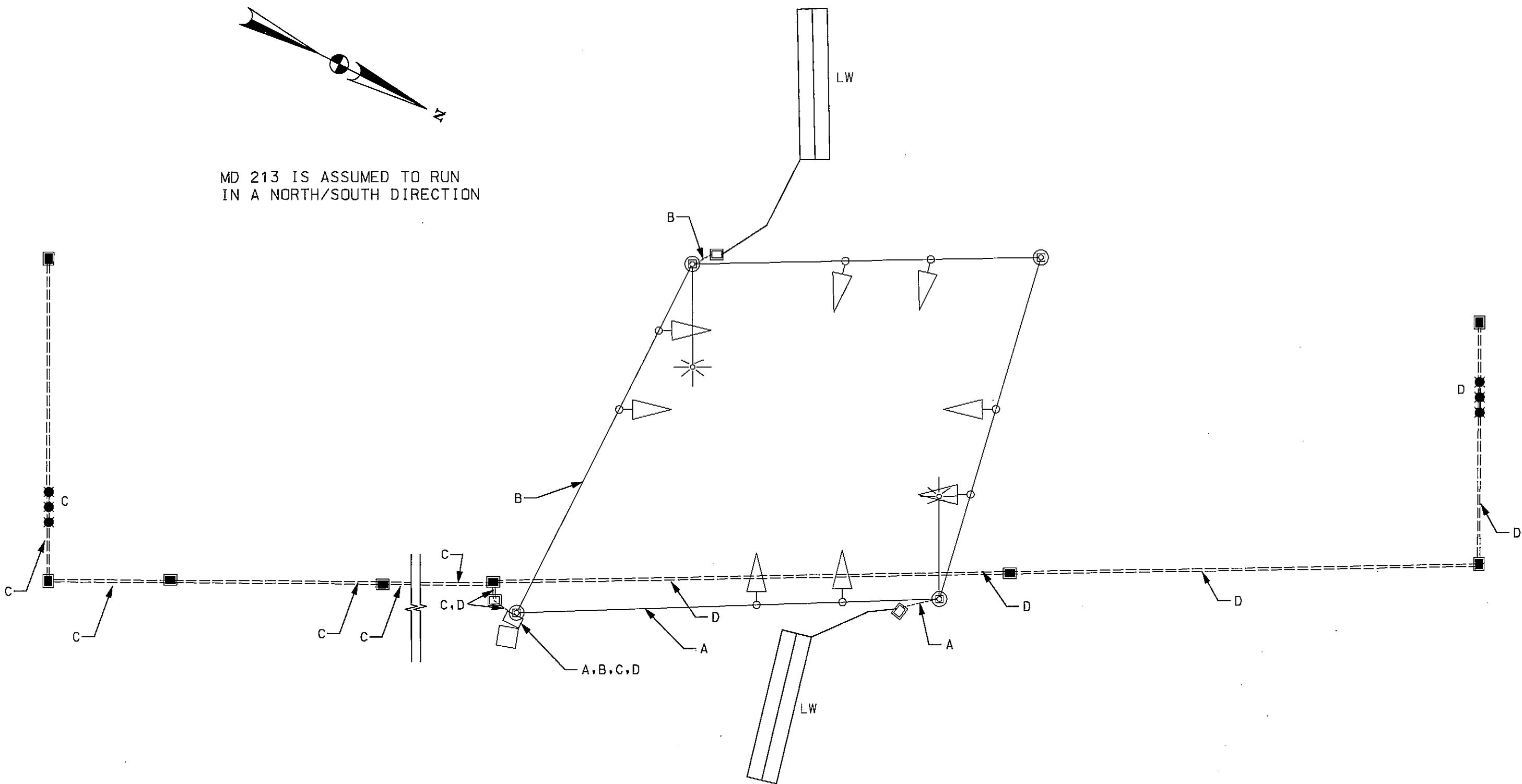
	1	2	3	4	5	6	7	8
	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)
PHASE 2 AND 6	G	G	G	G	R	R	R	R
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R
PHASE 4 AND 8	R	R	R	R	G	G	G	G
4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

EQUIPMENT LIST

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8006	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8011	400	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - BORED
8013	650	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - TRENCHED
8018	2	EA	NONINVASIVE DETECTOR UP TO 1000' LEAD IN CABLE
8019	8	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8020	250	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	875	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8024	20	LF	1 INCH DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT

WIRING DIAGRAM

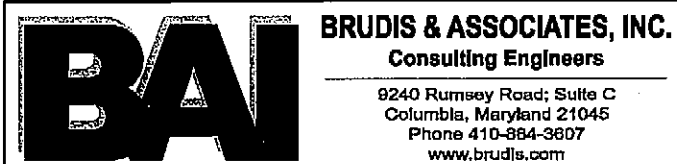


WIRING KEY

- A, B } EXISTING 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG, ALUMINUM SHIELDED)
- C, D } NONINVASIVE DETECTOR LEAD IN CABLE
- LW } LOOP WIRE

NOTE:

THE NEW LOOP WIRE A&B WILL BE SPLICED TO EXISTING 2 CONDUCTOR ALUMINUM SHIELDED CABLE.



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 213 AT LOCUST POINT RD/WILLIAMS RD  
ELKTON, MD

GENERAL INFORMATION PLAN SHEET

SCALE NTS DATE 02/11 CONTRACT NO. XX3565168

DESIGNED BY XM COUNTY CECIL  
DRAWN BY XM LOGMILE 07021315.77  
CHECKED BY JB TMS NO. K055  
F.A.P. NO. TOD NO.

TS NO. 10480 DRAWING - OF SHEET NO. 2 OF 2